



PCT09

RAW SEQUENCE LISTING

DATE: 01/17/2002

PATENT APPLICATION: US/09/744,804

TIME: 17:17:22

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01172002\I744804.raw

```

3 <110> APPLICANT: Yeda Research & Development Company Limited at the
4   Bio-Technology General Corp.
6 <120> TITLE OF INVENTION: Tumor Associated Antigen Peptides and Use of Same as
7   Anti-Tumor Vaccines
9 <130> FILE REFERENCE: 453-A-PCT
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/744,804
C--> 12 <141> CURRENT FILING DATE: 2001-01-30
14 <150> PRIOR APPLICATION NUMBER: 125608
15 <151> PRIOR FILING DATE: 1998-07-30
17 <160> NUMBER OF SEQ ID NOS: 77
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 9
23 <212> TYPE: PRT
24 <213> ORGANISM: Homo sapiens
26 <400> SEQUENCE: 1
27 Phe Leu Leu Val Leu Gly Phe Ile Ile
28   1           5
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 9
34 <212> TYPE: PRT
35 <213> ORGANISM: Homo sapiens
37 <400> SEQUENCE: 2
38 Val Leu Pro Ser Val Ala Met Phe Leu
39   1           5
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 9
45 <212> TYPE: PRT
46 <213> ORGANISM: Homo sapiens
48 <400> SEQUENCE: 3
49 Leu Val Leu Gly Phe Ile Ile Ala Leu
50   1           5
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 9
56 <212> TYPE: PRT
57 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 4
60 Lys Val Val Thr Ser Ser Phe Val Val
61   1           5
65 <210> SEQ ID NO: 5
66 <211> LENGTH: 9
67 <212> TYPE: PRT
68 <213> ORGANISM: Homo sapiens

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/744,804

DATE: 01/17/2002

TIME: 17:17:22

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01172002\I744804.raw

70 <400> SEQUENCE: 5
71 Leu Val Pro Gly Thr Lys Phe Tyr Ile
72 1 5
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 9
78 <212> TYPE: PRT
79 <213> ORGANISM: Homo sapiens
81 <400> SEQUENCE: 6
82 Leu Leu Pro Ile Arg Thr Leu Pro Leu
83 1 5
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 9
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
92 <400> SEQUENCE: 7
93 Tyr Leu Val Lys Lys Gly Thr Ala Thr
94 1 5
98 <210> SEQ ID NO: 8
99 <211> LENGTH: 9
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 8
104 Ser Leu Phe Ala Glu Thr Ile Trp Val
105 1 5
109 <210> SEQ ID NO: 9
110 <211> LENGTH: 9
111 <212> TYPE: PRT
112 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 9
115 Met Leu Ile Ala Met Tyr Phe Tyr Thr
116 1 5
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 9
122 <212> TYPE: PRT
123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 10
126 Leu Met Trp Thr Leu Pro Val Met Leu
127 1 5
131 <210> SEQ ID NO: 11
132 <211> LENGTH: 9
133 <212> TYPE: PRT
134 <213> ORGANISM: Homo sapiens
136 <400> SEQUENCE: 11
137 Met Leu Ile Val Tyr Ile Phe Glu Cys
138 1 5
142 <210> SEQ ID NO: 12
143 <211> LENGTH: 9
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapiens

RAW SEQUENCE LISTING

DATE: 01/17/2002

PATENT APPLICATION: US/09/744,804

TIME: 17:17:22

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01172002\I744804.raw

147 <400> SEQUENCE: 12
148 Tyr Ile Phe Glu Cys Ala Ser Cys Ile
149 1 5
153 <210> SEQ ID NO: 13
154 <211> LENGTH: 9
155 <212> TYPE: PRT
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 13
159 Leu Val Leu Met Leu Ile Val Tyr Ile
160 1 5
164 <210> SEQ ID NO: 14
165 <211> LENGTH: 9
166 <212> TYPE: PRT
167 <213> ORGANISM: Homo sapiens
169 <400> SEQUENCE: 14
170 Ala Leu Cys Arg Arg Arg Ser Met Val
171 1 5
175 <210> SEQ ID NO: 15
176 <211> LENGTH: 9
177 <212> TYPE: PRT
178 <213> ORGANISM: Homo sapiens
180 <400> SEQUENCE: 15
181 Leu Leu Ser Gly Leu Ser Leu Phe Ala
182 1 5
186 <210> SEQ ID NO: 16
187 <211> LENGTH: 9
188 <212> TYPE: PRT
189 <213> ORGANISM: Homo sapiens
191 <400> SEQUENCE: 16
192 Phe Leu Leu Val Val Gly Leu Ile Val
193 1 5
197 <210> SEQ ID NO: 17
198 <211> LENGTH: 9
199 <212> TYPE: PRT
200 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 17
203 Leu Val Val Gly Leu Ile Val Ala Leu
204 1 5
208 <210> SEQ ID NO: 18
209 <211> LENGTH: 9
210 <212> TYPE: PRT
211 <213> ORGANISM: Homo sapiens
213 <400> SEQUENCE: 18
214 Lys Val Val Lys Ser Asp Phe Val Val
215 1 5
219 <210> SEQ ID NO: 19
220 <211> LENGTH: 9
221 <212> TYPE: PRT
222 <213> ORGANISM: Homo sapiens

RAW SEQUENCE LISTING

DATE: 01/17/2002

PATENT APPLICATION: US/09/744,804

TIME: 17:17:22

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01172002\I744804.raw

224 <400> SEQUENCE: 19
225 Thr Leu Pro Val Gln Thr Leu Pro Leu
226 1 5
230 <210> SEQ ID NO: 20
231 <211> LENGTH: 9
232 <212> TYPE: PRT
233 <213> ORGANISM: Homo sapiens
235 <400> SEQUENCE: 20
236 Asp Leu His Val Ile Ser Asn Asp Val
237 1 5
241 <210> SEQ ID NO: 21
242 <211> LENGTH: 9
243 <212> TYPE: PRT
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 21
247 Val Leu Val His Pro Gln Trp Val Leu
248 1 5
252 <210> SEQ ID NO: 22
253 <211> LENGTH: 9
254 <212> TYPE: PRT
255 <213> ORGANISM: Homo sapiens
257 <400> SEQUENCE: 22
258 Phe Leu Arg Pro Gly Asp Asp Ser Ser
259 1 5
263 <210> SEQ ID NO: 23
264 <211> LENGTH: 9
265 <212> TYPE: PRT
266 <213> ORGANISM: Homo sapiens
268 <400> SEQUENCE: 23
269 Ala Leu Gly Thr Thr Cys Tyr Ala Ser
270 1 5
274 <210> SEQ ID NO: 24
275 <211> LENGTH: 9
276 <212> TYPE: PRT
277 <213> ORGANISM: Homo sapiens
279 <400> SEQUENCE: 24
280 Lys Leu Gln Cys Val Asp Leu His Val
281 1 5
285 <210> SEQ ID NO: 25
286 <211> LENGTH: 9
287 <212> TYPE: PRT
288 <213> ORGANISM: Homo sapiens
290 <400> SEQUENCE: 25
291 Glu Leu Ala His Tyr Asp Val Leu Leu
292 1 5
296 <210> SEQ ID NO: 26
297 <211> LENGTH: 9
298 <212> TYPE: PRT
299 <213> ORGANISM: Homo sapiens

RAW SEQUENCE LISTING

DATE: 01/17/2002

PATENT APPLICATION: US/09/744,804

TIME: 17:17:22

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01172002\I744804.raw

301 <400> SEQUENCE: 26
302 Asn Leu Asn Gly Ala Gly Asp Pro Leu
303 1 5
307 <210> SEQ ID NO: 27
308 <211> LENGTH: 9
309 <212> TYPE: PRT
310 <213> ORGANISM: Homo sapiens
312 <400> SEQUENCE: 27
313 Thr Leu Arg Val Asp Cys Thr Pro Leu
314 1 5
318 <210> SEQ ID NO: 28
319 <211> LENGTH: 9
320 <212> TYPE: PRT
321 <213> ORGANISM: Homo sapiens
323 <400> SEQUENCE: 28
324 Met Met Asn Asp Gln Leu Met Phe Leu
325 1 5
329 <210> SEQ ID NO: 29
330 <211> LENGTH: 9
331 <212> TYPE: PRT
332 <213> ORGANISM: Homo sapiens
334 <400> SEQUENCE: 29
335 Ala Leu Phe Asp Ile Glu Ser Lys Val
336 1 5
340 <210> SEQ ID NO: 30
341 <211> LENGTH: 9
342 <212> TYPE: PRT
343 <213> ORGANISM: Homo sapiens
345 <400> SEQUENCE: 30
346 Leu Leu His Glu Thr Asp Ser Ala Val
347 1 5
351 <210> SEQ ID NO: 31
352 <211> LENGTH: 9
353 <212> TYPE: PRT
354 <213> ORGANISM: Homo sapiens
356 <400> SEQUENCE: 31
357 Val Leu Ala Lys Glu Leu Lys Phe Val
358 1 5
362 <210> SEQ ID NO: 32
363 <211> LENGTH: 9
364 <212> TYPE: PRT
365 <213> ORGANISM: Homo sapiens
367 <400> SEQUENCE: 32
368 Ile Leu Leu Trp Gln Pro Ile Pro Val
369 1 5
373 <210> SEQ ID NO: 33
374 <211> LENGTH: 9
375 <212> TYPE: PRT
376 <213> ORGANISM: Homo sapiens

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/744,804

DATE: 01/17/2002

TIME: 17:17:23

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01172002\I744804.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date